

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.3941.5

(02/2016)

SERIES Q: SWITCHING AND SIGNALLING

Testing specifications – Testing specifications for next
generation networks

**Network integration testing between SIP and
ISDN/PSTN network signalling protocols –
Part 5: TSS&TP for network integration tests
between ISDN-ISDN and ISDN-PSTN over
SIP II NNI / SIP-I NNI**

Recommendation ITU-T Q.3941.5

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Network integration testing between SIP and ISDN/PSTN network signalling protocols – Part 5: TSS&TP for network integration tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI

Summary

Recommendation ITU-T Q.3941.5 v.1 (2016) is part 5 of a multi-part deliverable covering network integration testing between SIP and ISDN/PSTN network signalling protocols:

- Part 1: Test suite structure and test purposes for SIP-ISDN.
- Part 2: Abstract test suite and partial protocol implementation extra information for testing proforma specification for SIP-ISDN.
- Part 3: Test suite structure and test purposes for SIP-SIP.
- Part 4: Abstract test suite and partial protocol implementation extra information for testing proforma specification for SIP-SIP.
- Part 5: Test suite structure and test purposes (TSS&TP) for network integration tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI.**

The version number, v.1, indicates that this is version one of Recommendation ITU-T Q.3941.5, and that it relates to Release 10 of the relevant 3GPP/ETSI standard.

This Recommendation endorses ETSI TS 186 001-5 V1.1.1 (2015-11), Core Network and Interoperability Testing (INT); Network Integration Testing between SIP and ISDN/PSTN network signalling protocols; Part 5: Test Suite Structure and Test Purposes (TSS&TP) for Network Integration Tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI.

History

| Edition | Recommendation | Approval | Study Group | Unique ID* |
|---------|----------------|------------|-------------|---|
| 1.0 | ITU-T Q.3941.5 | 2016-02-13 | 11 | 11.1002/1000/12702 |

Keywords

Integrated access device, IAD, IP multimedia subsystem, IMS, network side PES, session description protocol, SDP, session initiation protocol, SIP, testing, test purposes, TP, test suite structure, TSS, user side.

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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Recommendation ITU-T Q.3941.5

Network integration testing between SIP and ISDN/PSTN network signalling protocols – Part 5: TSS&TP for network integration tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI

1 Scope

This Recommendation specifies network integration testing between SIP and ISDN/PSTN network signalling protocols. Part 5: TSS&TP for network integration tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI.

This Recommendation endorses ETSI TS 186 001-5 V1.1.1 (2015-11) Core Network and Interoperability Testing (INT); Network Integration Testing between SIP and ISDN/PSTN network signalling protocols; Part 5: Test Suite Structure and Test Purposes (TSS&TP) for Network Integration Tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI.

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

[ETSI TS 186 001-5] ETSI TS 186 001-5 V2.3.0 (2015-11), *Core Network and Interoperability Testing (INT); Network Integration Testing between SIP and ISDN/PSTN network signalling protocols; Part 5: Test Suite Structure and Test Purposes (TSS&TP) for Network Integration Tests between ISDN-ISDN and ISDN-PSTN over SIP II NNI / SIP-I NNI.*

3 Definitions

None.

4 Abbreviations and acronyms

This Recommendation uses the following abbreviations and acronyms:

IMS IP Multimedia Subsystem
SDP Session Description Protocol
SIP Session Initiation Protocol

5 Conventions

None.

6 Endorsement

[ETSI TS 186 001-5].

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